

A NEW SPECIES OF *BIOPHYTUM* (OXALIDACEAE) FROM HONDURAS

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ABSTRACT

The new species *Biophytum zunigae* is proposed.

KEY WORDS: Oxalidaceae, *Biophytum*, species nova

*Biophytum zunigae* C. Nelson, *sp. nov.* HOLOTYPE: HONDURAS. Atlántida: orillas del río Texíguat, 7 km SE de San José, bosque húmedo tropical, 413 msnm, 16 marzo 1990, *Zúniga 1402* (TEFH); Isotypes: EAP,MO,US.

Herba vel suffrutex foliis 9-10 mm  $\times$  10 mm, supra glabris foveolatis, subtus curvatis pubescentibus, nervis secundariis ad 36; pedunculi 16-20 cm longi; pistilla staminibus longiora.

Epiphytic herb or shrub; stem woody, 36 cm long by 3 mm wide, alate, marginate, glabrate at the base, pubescent at the top, decumbent. Leaves 13, pseudoverticillate at the end of the stem, linear subcuneate, to 16 cm long and 2 cm wide; lower leaflets suborbicular or ovate, 9-10 mm long by 8-10 mm wide, acuminate, the acumen or tip ca. 1 mm long, the middle leaflets subfalcate to 28 mm long and ca. 10 mm wide, oblique, acroscopically lobed, basiscopically curved, acroscopically acute, all leaflets glabrous, foveolate on the upper surface, pubescent with curved hairs on the lower surface, ciliate, acuminate; petiole to ca. 3 cm long and ca. 1 mm wide, subtriangular, not fleshy, sulcate, slightly winged, pubescent, rachis pubescent, petiolules to ca. 0.8 mm long, fleshy. Inflorescences 1-2, at first globose then cylindric, to 10 mm long by 5 mm wide; peduncles 16-20 cm long, ca. 1 mm wide, subtriangular, pubescent, equal or longer than the leaves; outer bracts subulate or ovate, long acuminate, ca. 2 mm long, ciliate at the base, less so on the margins, keeled, some keels slightly pubescent, tip ca. 1 mm long, ciliate at the tip;

internal bracteoles similar in size, shape, and pubescence to varying degrees. Flowers with sepals subulate to linear, to 3.2 mm long by 1.0 mm wide, 6-nerved, glabrous on both surface; petals purple, to 7 mm long, glabrous, the lobes 3 mm long; stamens to 2.5 mm long, filament antrorsely pubescent, flattened on the lower part, filiform above, anther glabrous, ca. 0.4 mm long, short stamen ca. 1 mm long, glabrous; pistils to 4 mm long, longer than the stamens, ovary glabrous, ca. 0.9 mm long; styles antrorsely pubescent, to ca. 3 mm long; stigma glabrous, slightly bifid; capsule ca. 9 mm long when immature, glabrous.

The epithet for this species honors the collector, Ramón Zúniga. It differs from *Biophytum dendroides* (H.B.K.) DC. by its longer leaves, leaflets, and inflorescence.